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CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION FROM

FOREIGN DOCUMENTS OR RADIO BROADCASTS

CD NO.

COUNTRY

USSR

DATE OF

INFORMATION 1949

SUBJECT

Economic; technological - Machine tools

DATE DIST.

13 Feb 1950

HOW

PUBLISHED

Daily newspapers

WHERE

PUBLISHED

USSR

NO. OF PAGES 3

DATE

PUBLISHED

19 Oct - 23 Nov 1949

SUPPLEMENT TO

REPORT NO.

LANGUAGE

Russian

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SOURCE

Newspapers as indicated.

URGE WIDER USE OF DIAMONDLESS TRUING;  
DESIGN NEW BORING MACHINE

PROCESS NOT YET USED IN SOME PLANTS -- Bakinskiy Rabochiy, No 208, 22 Oct 49

A new diamondless process for truing grinding wheels was recently developed by the AZINMASH (Azerbaydzhan Machine-Building Institute) and expounded before a meeting of engineers from Baku machine-building plants. The diamonds are replaced by a very simple substitute, which can be prepared at any plant.

This process has not been introduced, however, in plants of the "Azneft-mash" Trust, where extensive grinding is called for in the manufacture of petroleum equipment. It is therefore urgent that AzINMASH distribute plans and instructions on the process to these plants.

ELECTRIC TOOL PLANT IMPROVES TECHNIQUES -- Leningradskaya Pravda, No 247, 19 Oct 49

The Leningrad "Elektroinstrument" Plant has not had a single complaint this year about its products. It is continuing its campaign for the perfection of electrical tools. Recently, it improved the electric plane by redesigning the body and modernizing the motor, with a resultant increase in the tool's productivity and saving of metal. It has also modernized the electric drill, as a result of which the latter's productivity has doubled.

The plant has installed a special chemical laboratory for the testing of metals delivered to the shops and an electric spark mechanism for hardening cutting tools by means of hard alloy plating.

MACHINE PLANT GETS RED BANNER -- Vechernyaya Moskva, No 258, 29 Oct 49

The Moscow "Krasnaya Presnya" Plant has just been awarded the Red Banner of the VTSPS and the Ministry of Machine and Instrument Building. In honor of the October anniversary, the plant produced above plan a great number of

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high-duty machines for machine-building enterprises. About 40 machines were produced from saved metal. The plant completed ahead of time a number of new, improved machines, including a powerful sand blower for packing large-size moulds. At the end of the first half of the year, the plant showed an average monthly output that was  $1\frac{1}{2}$  times the output planned for 1950. During the first 9 months, it realized an above-plan profit of 1,250,000 rubles as a result of mechanization.

Sovetskaya Belorussiya, No 213, 26 Oct 49

The Moscow "Krasnaya Presnya" Plant has put out a series of high-duty machines for the mechanization of machine shops. Recently, it released the first pressure-casting machine which can put out up to 1,000 castings per shift.

New stamping machines have been sent to industrial centers. Their operation increases labor productivity 30-40 times as compared with hand methods. The new mechanisms have been made more automatic than the machines put out earlier.

For the October anniversary, the plant built a powerful sand blower for packing large-sized moulds; the latter replaces dozens of laborers and can pack 10-12 cubic meters per hour.

PLANTS COMPLETE PLANS -- Sovetskaya Estoniya, No 256, 29 Oct 49

The Tartu Medical Instruments Plant completed the year plan on 20 October.

Izvestiya, No 253, 26 Oct 49

The Belorussian Machine-Tool Building Plant imeni Chkalov has completed the Five-Year Plan.

DOUBLES WRIST WATCH PRODUCTION -- Sovetskaya Belorussiya, No 232, 23 Nov 49

The Chistopol' Watch Plant, Tatar ASSR, makes the Pobeda wrist watch. Three conveyor lines have recently gone into operation at the plant. Wrist watch production has doubled since the lines went into action.

NEW BORING MACHINE -- Moskovskiy Bol'shevik, No 256, 28 Oct 49

B. Ruzin, director of the Moscow Internal Grinding Machine Plant, writes that his plant has an original machine tool which is still a rarity in metal-working plants. It is a coordinating boring machine, recently built and now undergoing tests. It is a very complex mechanism which does boring with absolute precision, without preliminary marking of parts or deviation from the blueprint. It does away with ellipticity and tapering of holes, which are common faults with the usual type of equipment. This machine tool has brought about a complete reorganization of production methods and a change in the plant's equipment. It has even altered the thermal processes. For example, in one of the shops it is necessary to maintain the temperature at 20 degrees, not more nor less.

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There is a campaign now on to turn out by the end of October three eccentric finishing machines, which turn out parts with perfect surfaces in accordance with geometric requirements. They grind and finish at the same time.

NEW METHOD FOR PRODUCING BEARING BUSHINGS -- Vechernyaya Moskva, No 257, 28 Oct 49

Gusakov, a worker at the Moscow Bearing Plant, who is credited with numerous labor-saving devices, 10 months ago worked out a method whereby bearing bushings are produced by perforation instead of milling. This has resulted in a saving of 150,000 rubles to the plant.

CRITICIZE PAINT SUPPLY SYSTEM -- Kommunist, No 225, 28 Oct 49

The Yerevan Machine-Tool Plant imeni Dzerzhinskiy must get large quantities of oil and enamel paints from Moscow and Khar'kov, while the Yerevan Lacquer Paints Plant makes these paints and could easily supply them.

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